

Message Text

LIMITED OFFICIAL USE

PAGE 01 BONN 04273 01 OF 02 091225Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 ACDA-12 CIAE-00 INR-10 IO-13
L-03 NSAE-00 NSC-05 EB-08 NRC-05 DODE-00 SS-15
SP-02 CEQ-01 /094 W
-----031777 091240Z /20

P R 091150Z MAR 78
FM AMEMBASSY BONN
TO SECSTATE WASHDC PRIORITY 6561
INFO AMEMBASSY LONDON
AMEMBASSY BRUSSELS
AMEMBASSY PARIS
AMEMBASSY VIENNA
USDOE WASHDC
USDOE GERMANTOWN

LIMITED OFFICIAL USE SECTION 01 OF 02 BONN 04273

USEEC, USOECD, USIAEA

E.O. 11652: N/A
TAGS: ENRG, TECH, GW
SUBJECT: GERMAN REPROCESSING CENTER

REF: (A) BONN 17847 (77); (B) BONN 16416 (77);
(C) BONN 15661 (77); (D) BONN 11466 (77)

1. A SINGLE INTEGRATED NUCLEAR FUEL CYCLE CENTER
(ENTSORGUNGSZENTRUM) INCLUDING REPROCESSING PLANT AND
WASTE TREATMENT AND STORAGE FACILITY IS TO BE CON-
STRUCTED AT GORLEBEN IN LOWER SAXONY - A FEW KMS FROM
THE GDR BORDER. ALTHOUGH THE FEDERAL ADVISORY
COMMITTEES FOR REACTOR SAFETY AND RADIATION PROTECTION
HAD CONCLUDED IN OCTOBER 1977 THAT THEY HAD NO CONCERNS
REGARDING THE SAFETY CONCEPT OF THE PROPOSED 1500 TON
REPROCESSING CENTER (REF A), IT IS UNLIKELY THAT ANY
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 BONN 04273 01 OF 02 091225Z

FINAL DECISION WILL BE MADE PRIOR TO FORTHCOMING JUNE
LOWER SAXONY STATE ELECTIONS. THE GORLEBEN WASTE
STORAGE SITE HAS NOT YET UNDERGONE INTENSIVE TESTING,
BUT THE EXPERIENCE DEVELOPED AT THE ASSE SALT DOME
PILOT WASTE STORAGE FACILITY FOR LOW LEVEL AND MEDIUM
LEVEL WASTES HAS BEEN GOOD. THE ESTIMATED COST OF
THE INTEGRATED NUCLEAR FUEL CYCLE CENTER IS 8-10

BILLION DM (ABOUT \$4-8 BILLION) OF WHICH 1/2 BILLION DM ARE FOR THE WASTE REPOSITORY.

2. RECENT INFORMATION PROVIDED BY THE ELECTRIC UTILITIES SHOW THE FOLLOWING CUMULATIVE AMOUNTS OF SPENT FUEL ELEMENTS TO BE MANAGED:

1977	570 TONS
1978	770
1979	1000
1980	1400
1983	3000
1985	4300
1990	9000

3. THE FOLLOWING SCHEDULE HAS BEEN SET FOR THE CONSTRUCTION AND OPERATION OF THE INDIVIDUAL STAGES OF THE PLANNED INTEGRATED REPROCESSING CENTER:

A. INTERMEDIATE STORAGE OF THE SPENT FUEL ELEMENTS:

START OF CONSTRUCTION	- 1981
OPERATION	1985/86

B. REPROCESSING AND INTERMEDIATE STORAGE OF LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 BONN 04273 01 OF 02 091225Z

WASTE:

START OF CONSTRUCTION	- LATE 1981
OPERATION	1989

B. CONDITIONING OF NUCLEAR WASTE:

HIGH LEVEL WASTE

START OF CONSTRUCTION	- 1984
OPERATION	1991

MEDIUM LEVEL, LOW LEVEL

START OF CONSTRUCTION	- 1984
OPERATION	1989

4. THE CUMULATIVE QUANTITY OF APPROXIMATELY 5000 TONS OF SPENT FUEL ELEMENTS THROUGH 1985/86 WILL BE MANAGED AFTER THE FOLLOWING PROVISIONS:

A. CONSTRUCTION OF AN INTERMEDIATE STORAGE

LIMITED OFFICIAL USE

NNN

LIMITED OFFICIAL USE

PAGE 01 BONN 04273 02 OF 02 091218Z
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 ACDA-12 CIAE-00 INR-10 IO-13
L-03 NSAE-00 NSC-05 EB-08 NRC-05 DODE-00 SS-15
SP-02 CEQ-01 /094 W
-----031678 091239Z /20

P R 091150Z MAR 78
FM AMEMBASSY BONN
TO SECSTATE WASHDC PRIORITY 6562
INFO AMEMBASSY LONDON
AMEMBASSY BRUSSELS
AMEMBASSY PARIS
AMEMBASSY VIENNA
USDOE WASHDC
USDOE GERMANTOWN

LIMITED OFFICIAL USE SECTION 02 OF 02 BONN 04273

FACILITY WITH A CAPACITY OF 1500 TONS: THE GERMAN
COMPANY FOR REPROCESSING (DWK) HAS APPLIED FOR A
LICENSE TO ERECT THE PLANNED FACILITY AT AHAUS, NORTH-
RHINE WESTPHALIA. THIS FACILITY WOULD BE ABLE TO
STORE ALL SPENT FUEL ELEMENTS FROM GERMAN REACTORS
THAT WOULD BE PRODUCED UNTIL 1983. FEDERAL AUTHORITIES
EXPECT THE FACILITY TO BE READY BY 1984;
THE LICENSING PROCEDURE WILL BE SUBJECT TO PUBLIC
INSPECTION WHICH WILL PROBABLY DELAY THE TIME SCHEDULE.
THE SITE FOR A SECOND INTERMEDIATE STORAGE FACILITY IS
OPTIONAL AND WOULD BE IN BAVARIA; IT WOULD, HOWEVER,
ONLY BE NECESSARY IF THE PLANS FOR THE GORLEBEN RE-
PROCESSING CENTER WERE SERIOUSLY DELAYED.

B. CREATION OF STORAGE FACILITIES BY COMPACT
STORAGE RACKS AT REACTOR SITES WHICH COULD INCREASE
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 BONN 04273 02 OF 02 091218Z

THE ON-SITE STORAGE CAPACITY OF A REACTOR TO THE LOAD
OF EIGHT OPERATION YEARS.

C. ADDITIONAL FOREIGN REPROCESSING CONTRACTS: DWK
HAS NEGOTIATED CONTRACTS FOR THE REPROCESSING OF SOME
600 TONS OF SPENT FUEL ELEMENTS BY THE FRENCH COGEMA
FOR THE PERIOD 1977-79 AND IS CURRENTLY INVESTIGATING
POSSIBILITIES TO HAVE THE REMAINING AMOUNT OF SPENT
FUEL REPROCESSED BY THE SAME FIRM THAT CANNOT BE
HANDLED BY GERMAN FACILITIES IN THE PERIOD
1980-90. ALL CONTRACTS PROVIDE FOR THE TAKE BACK OF
THE SOLIDIFIED NUCLEAR WASTE ONLY AFTER THE FRG HAS ITS
OWN FINAL DISPOSAL FACILITY.
MEEHAN

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: WASTE DISPOSAL, NUCLEAR REACTORS
Control Number: n/a
Copy: SINGLE
Draft Date: 09 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978BONN04273
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780106-0283
Format: TEL
From: BONN
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780389/aaaacxnh.tel
Line Count: 187
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: a40ad9ca-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 78 BONN 17847, 78 BONN 16416, 78 BONN 15661, 78 BONN 11466
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 05 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: N/A
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3392624
Secure: OPEN
Status: NATIVE
Subject: GERMAN REPROCESSING CENTER
TAGS: ENRG, TECH, GE
To: STATE
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/a40ad9ca-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014